Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021615\
Data File : BE089571.D
Acq On : 16 Feb 2015 15:48
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC002

Quant Time: Feb 16 17:18:03 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE021615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 16 17:05:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	81848	5.00	ng		0.00
7) Naphthalene-d8	12.25	136	331055	5.00	ng		0.00
13) Acenaphthene-d10	16.42	164	161408	5.00	ng		0.00
17) Phenanthrene-d10	19.77	188	312763	5.00	ng		0.00
20) Chrysene-d12	23.65	240	341593	5.00	ng		0.00
27) Perylene-d12	25.34	264	310647	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.51	112	47277	1.74	ng		0.00
4) Phenol-d6	8.62	99	62910	1.87	ng		0.00
8) Nitrobenzene-d5	10.61	82	27202	1.10	ng		0.00
14) 2,4,6-Tribromophenol	18.31	330	7214	2.25	ng		0.00
15) 2-Fluorobiphenyl	14.88	172	86654	1.72	ng		0.00
22) Terphenyl-d14	22.30	244	94903	2.91	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.33	42	24481	1.78	ng	#	79
5) Phenol	8.65	94	68106	2.01	ng	#	36
6) bis(2-Chloroethyl)ether	8.83	93	51246	2.01	ng	#	100
9) Nitrobenzene	10.65	77	33422	1.20	ng	#	100
10) 2,4-Dimethylphenol	11.59	122	39354	1.69	ng		98
11) 2,4-Dichlorophenol	11.97	162	30512	1.84	ng		95
12) Hexachlorobutadiene	12.64	225	19700	1.82	ng	#	100
16) 2,4-Dinitrophenol	16.65	184	1040	0.94	ng		87
18) Hexachlorobenzene	19.00	284	26021	1.68	ng	#	85
19) Pentachlorophenol	19.44	266	4697	1.62	ng		98
21) Benzidine	21.96	184	66282	2.35	ng		99
23) Benzo(a)anthracene	23.64	228	682778	2.83	ng		96
24) 3,3'-Dichlorobenzidine	23.64	252	50872	2.20	ng		97
25) Chrysene	23.69	228	639791	1.60	ng		91
26) Indeno(1,2,3-cd)pyrene	26.74	276	167606	0.89	ng	#	100
28) Benzo(b)fluoranthene	24.91	252	143619	5.27	ng		96
29) Benzo(k)fluoranthene	24.94	252	171362	2.65	ng		96
30) Benzo(a)pyrene	25.27	252	132832	3.79	ng		98
31) Dibenzo(a,h)anthracene	26.78	278	134066	4.40	ng		97

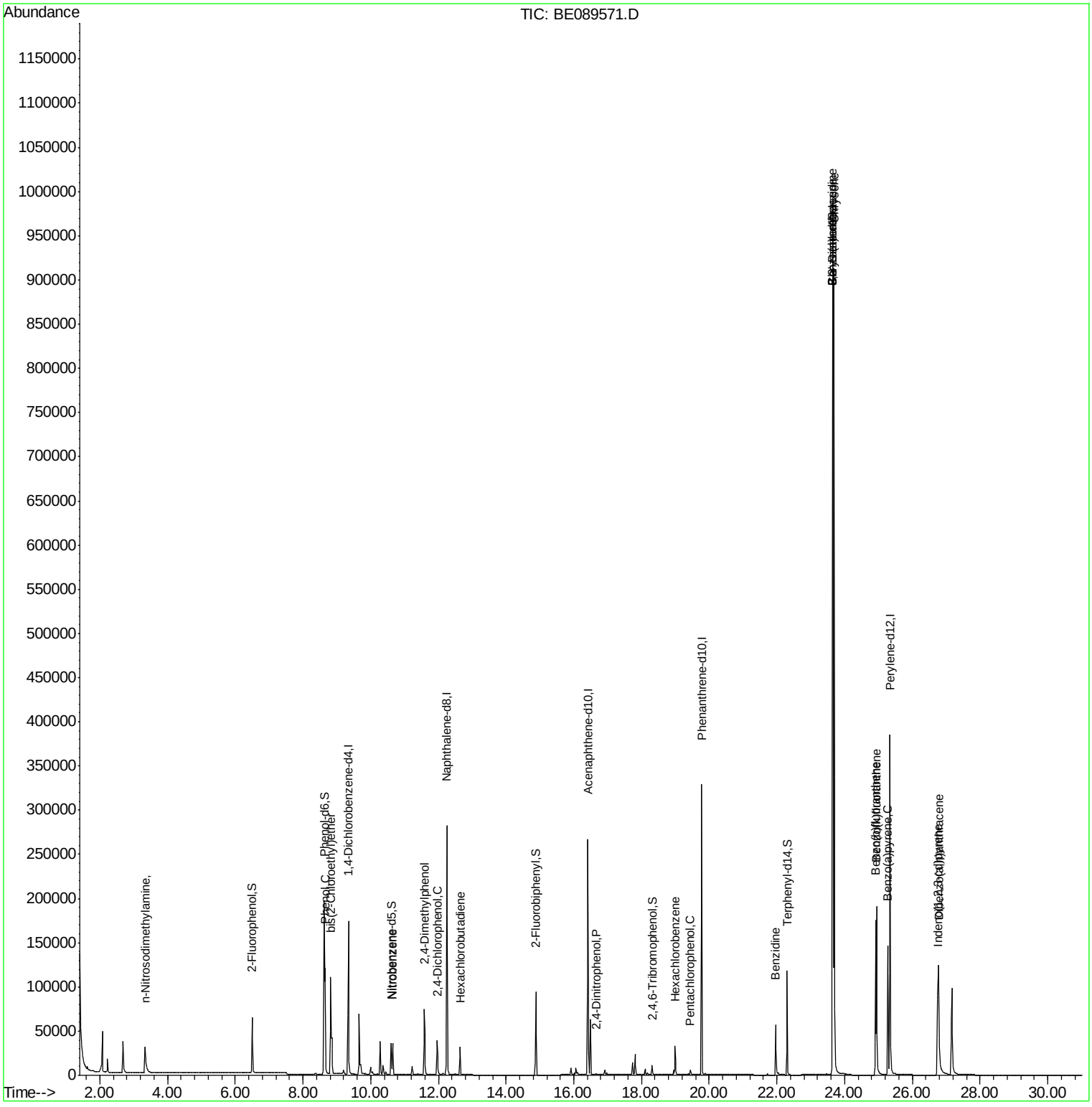
(#) = qualifier out of range (m) = manual integration (+) = signals summed

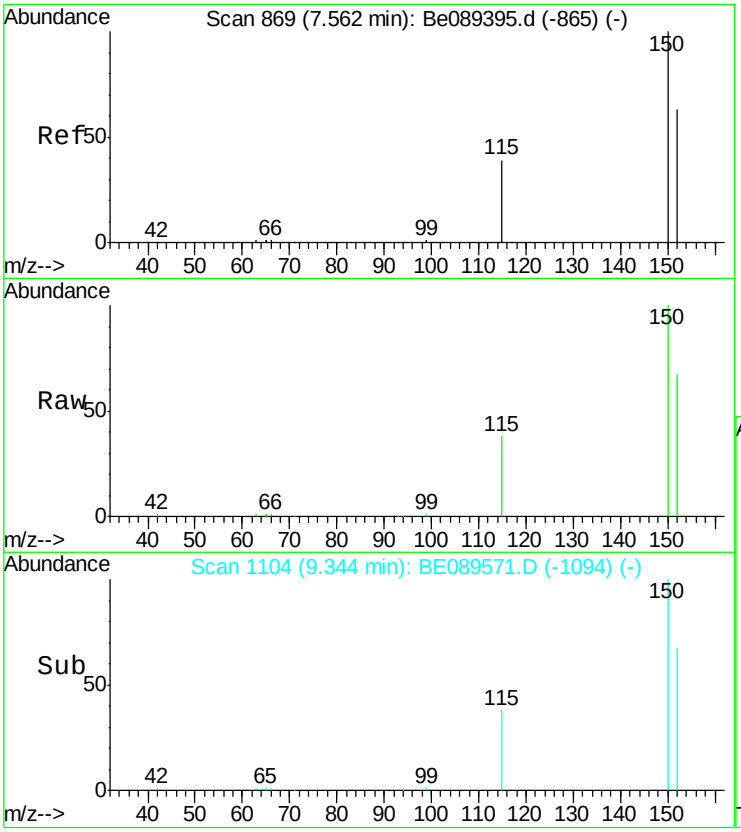
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021615\
Data File : BE089571.D
Acq On : 16 Feb 2015 15:48
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Quant Time: Feb 16 17:18:03 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE021615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 16 17:05:37 2015
Response via : Initial Calibration



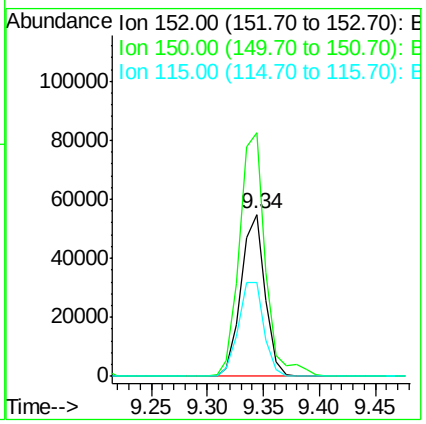


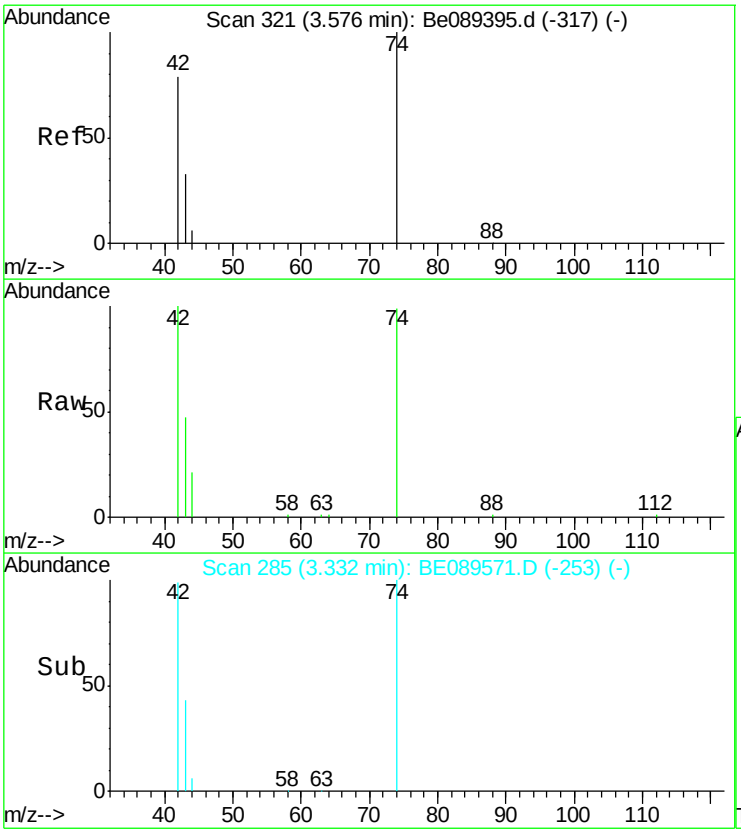
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.34 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:152 Resp: 81848

Ion	Ratio	Lower	Upper
152	100		
150	150.3	121.4	182.2
115	57.7	47.2	70.8

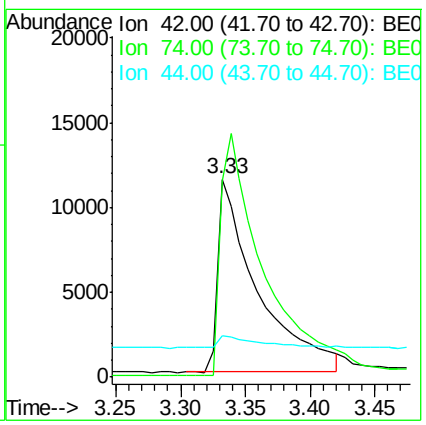


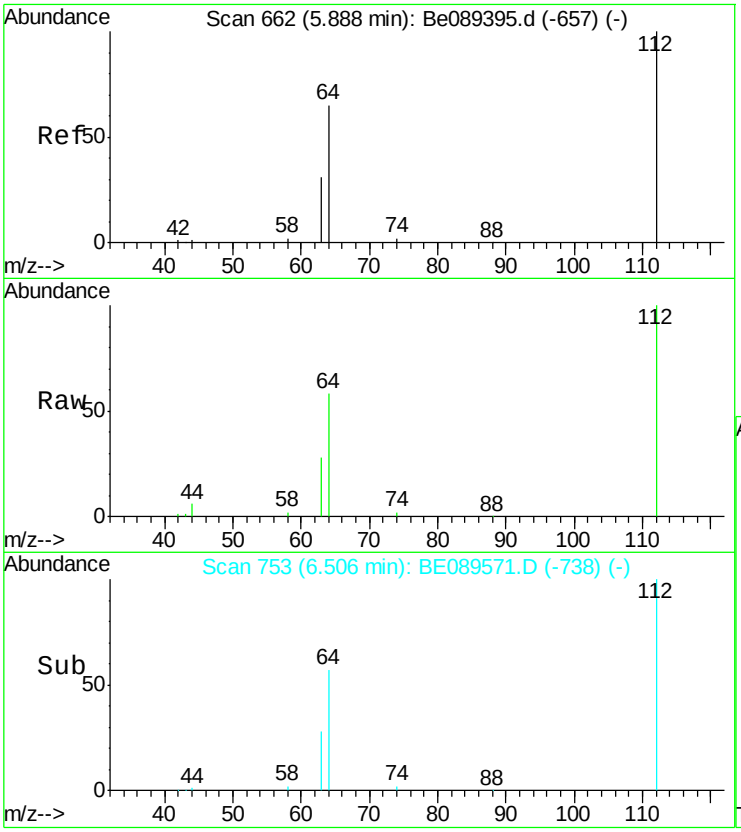


#2
n-Nitrosodimethylamine
Concen: 1.78 ng
RT: 3.33 min Scan# 285
Delta R.T. 0.01 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Tgt Ion: 42 Resp: 24481

Ion	Ratio	Lower	Upper
42	100		
74	99.2	96.9	145.3
44	20.8	6.7	10.1#



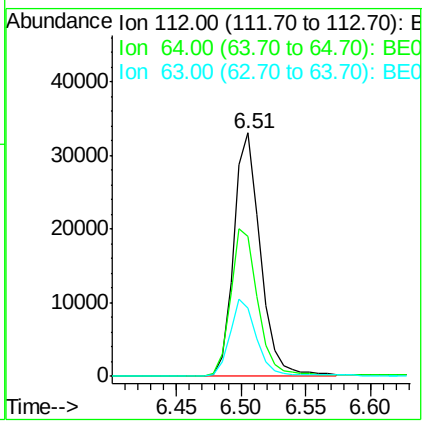


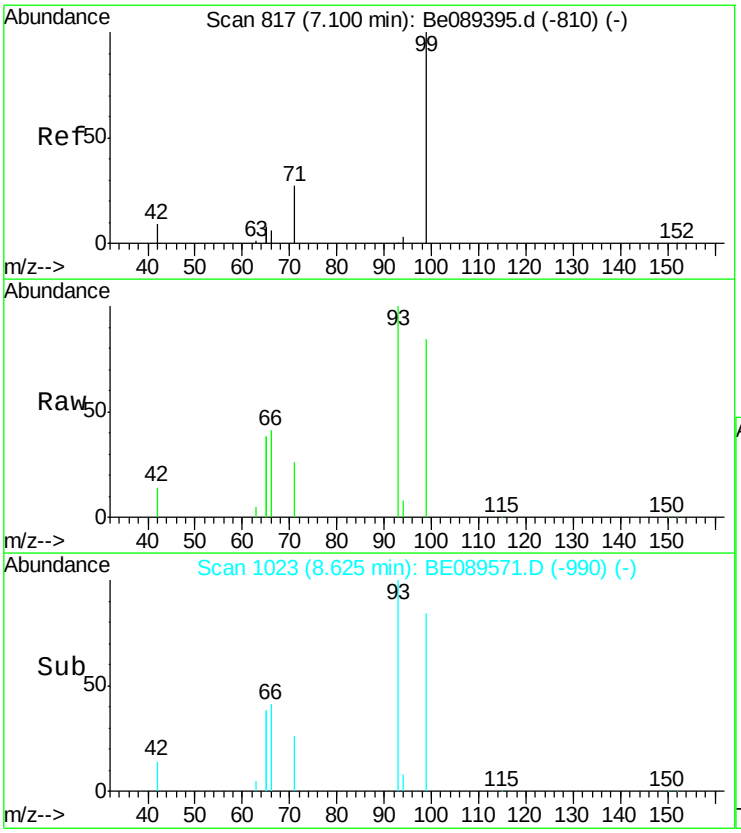
#3
2-Fluorophenol
Concen: 1.74 ng
RT: 6.51 min Scan# 753
Delta R.T. 0.00 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:112 Resp: 47277

Ion	Ratio	Lower	Upper
112	100		
64	57.6	53.6	80.4
63	28.0	27.3	40.9

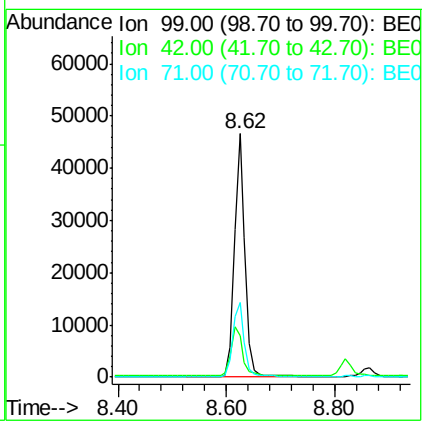


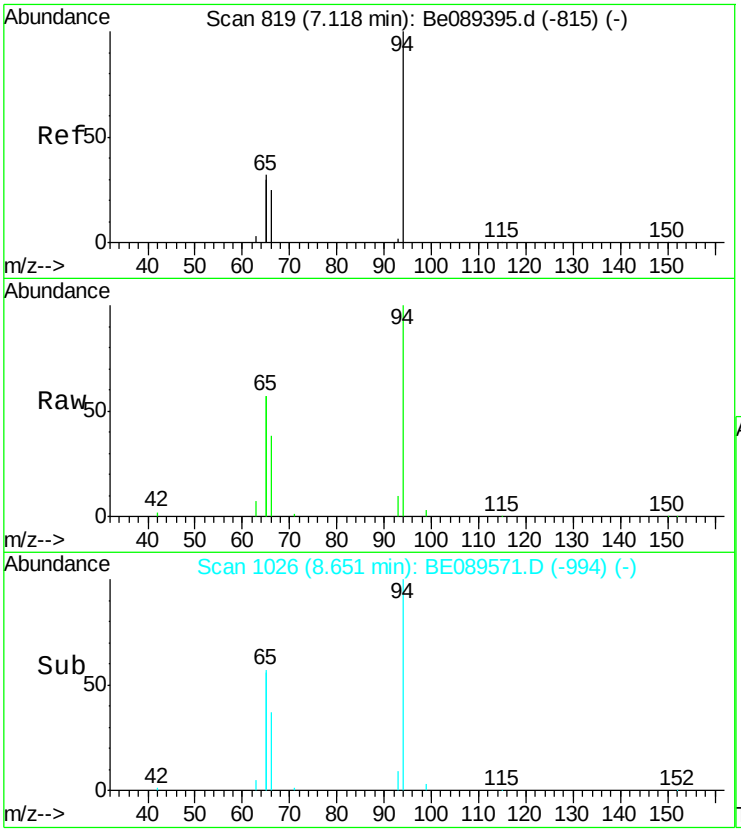


#4
Phenol-d6
Concen: 1.87 ng
RT: 8.62 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Tgt Ion: 99 Resp: 62910

Ion	Ratio	Lower	Upper
99	100		
42	16.8	18.5	27.7#
71	30.8	28.2	42.2



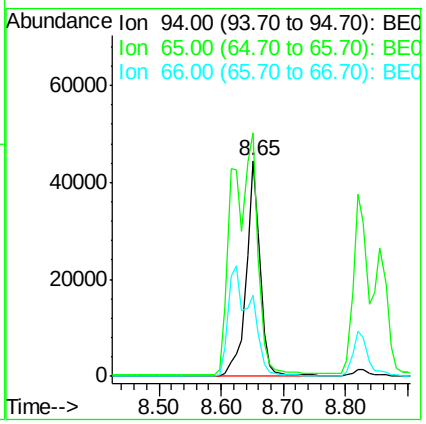


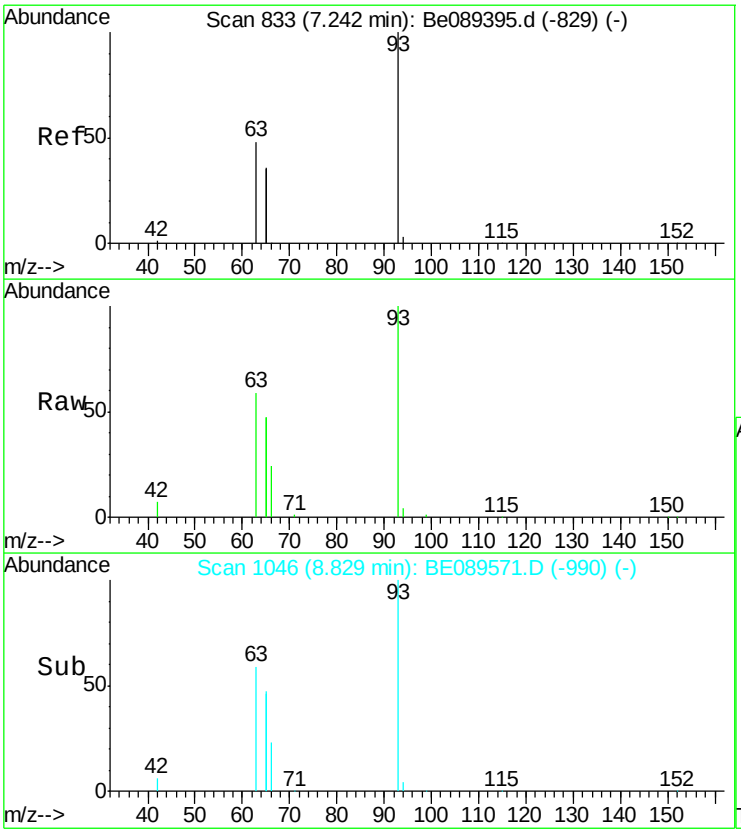
#5
Phenol
Concen: 2.01 ng
RT: 8.65 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion: 94 Resp: 68106

Ion	Ratio	Lower	Upper
94	100		
65	113.0	25.8	65.8#
66	37.6	11.9	51.9

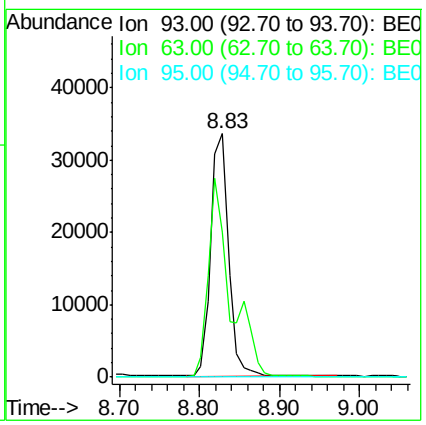


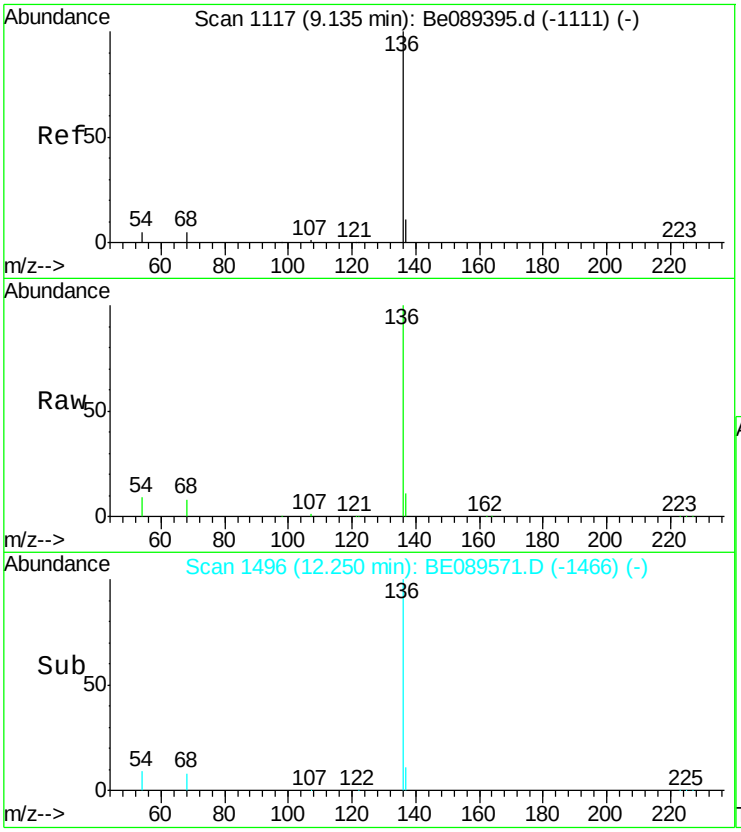


#6
bis(2-Chloroethyl)ether
Concen: 2.01 ng
RT: 8.83 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Tgt Ion: 93 Resp: 51246

Ion	Ratio	Lower	Upper
93	100		
63	103.3	0.0	0.0#
95	0.0	0.0	0.0



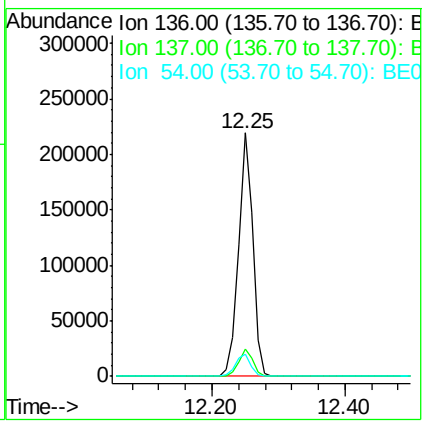


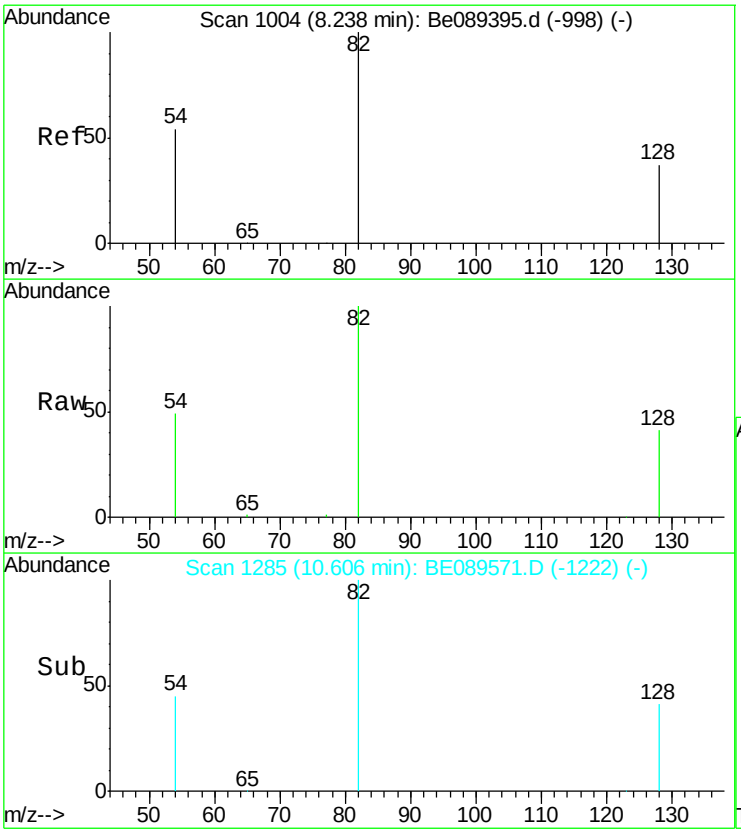
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.25 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:136 Resp: 331055

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.0	8.6	13.0

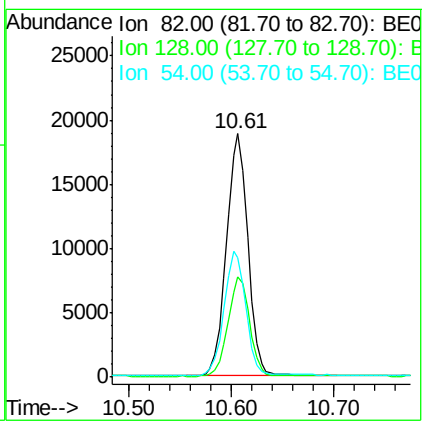


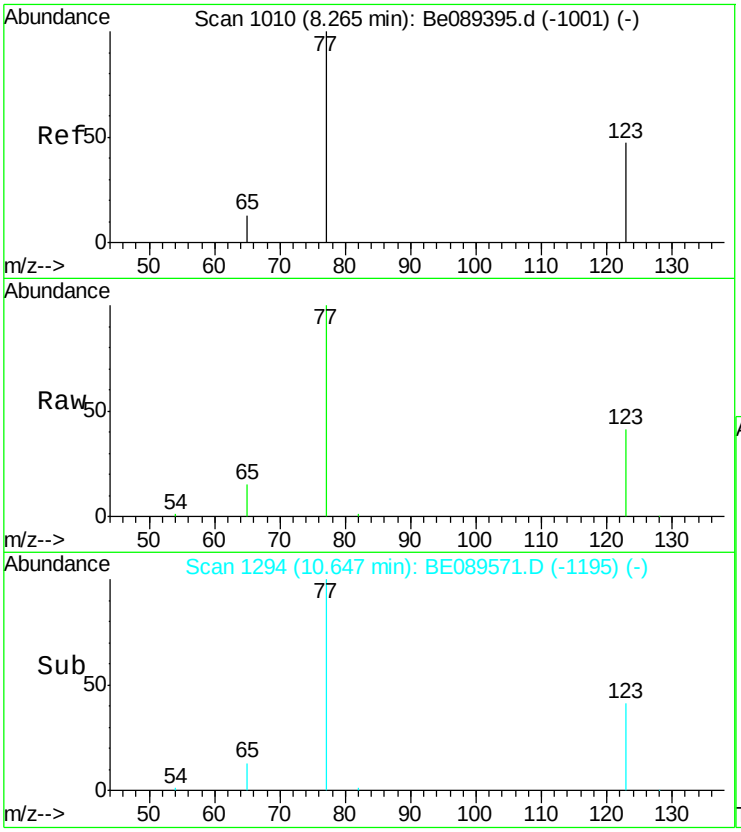


#8
Nitrobenzene-d5
Concen: 1.10 ng
RT: 10.61 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Tgt Ion: 82 Resp: 27202

Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.4	50.0
54	49.0	39.4	59.2



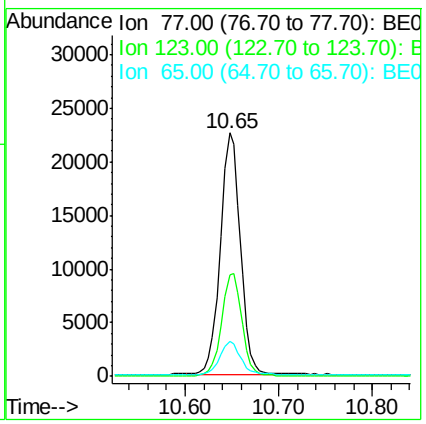


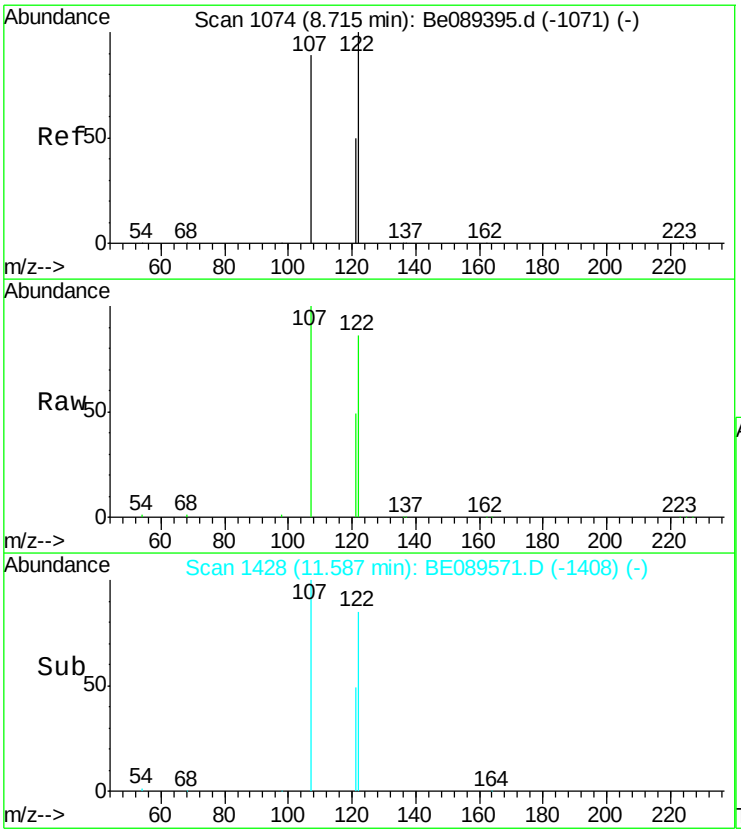
#9
Nitrobenzene
Concen: 1.20 ng
RT: 10.65 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion: 77 Resp: 33422

Ion	Ratio	Lower	Upper
77	100		
123	42.5	0.0	0.0#
65	14.7	0.0	0.0#

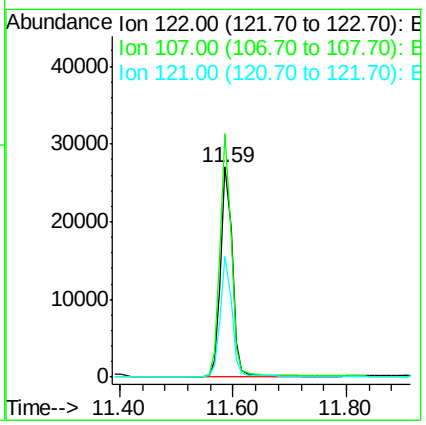


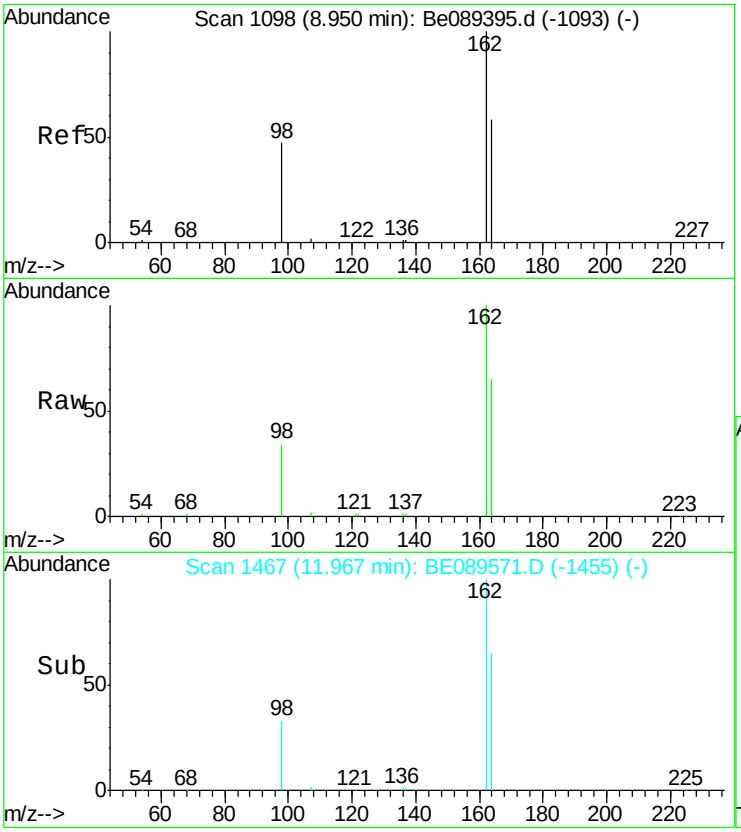


#10
2,4-Dimethylphenol
Concen: 1.69 ng
RT: 11.59 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Tgt Ion:122 Resp: 39354

Ion	Ratio	Lower	Upper
122	100		
107	116.0	95.1	142.7
121	57.3	46.4	69.6



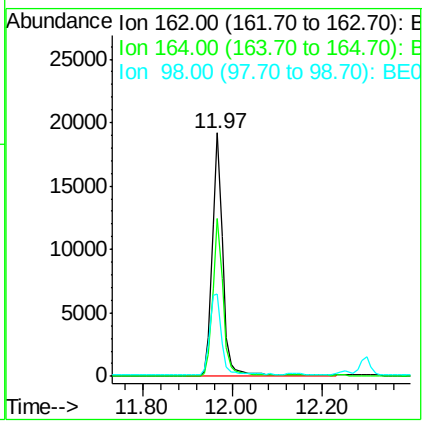


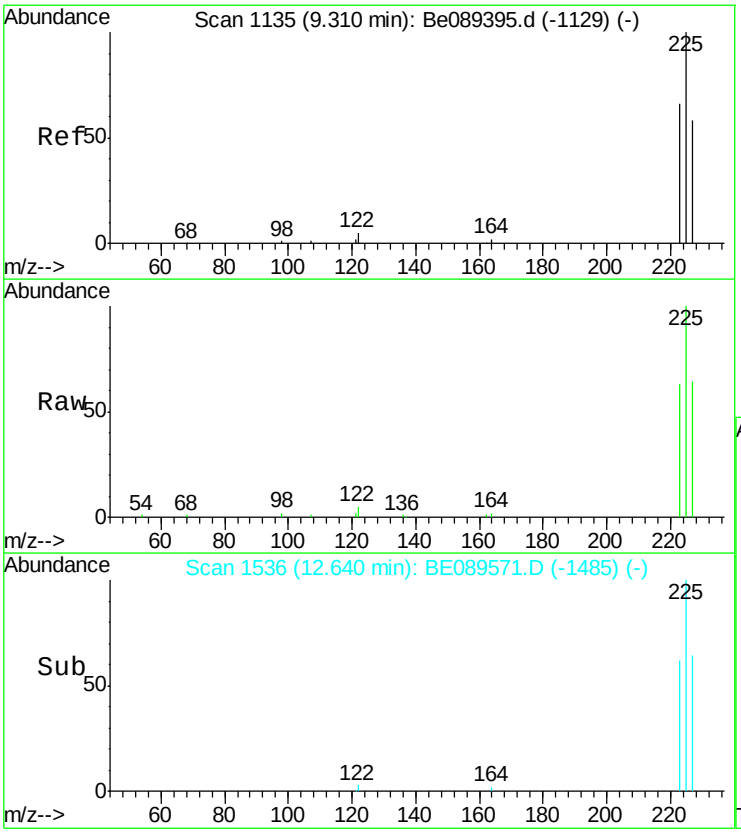
#11
2,4-Dichlorophenol
Concen: 1.84 ng
RT: 11.97 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:162 Resp: 30512

Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.7	82.7
98	34.0	19.4	59.4

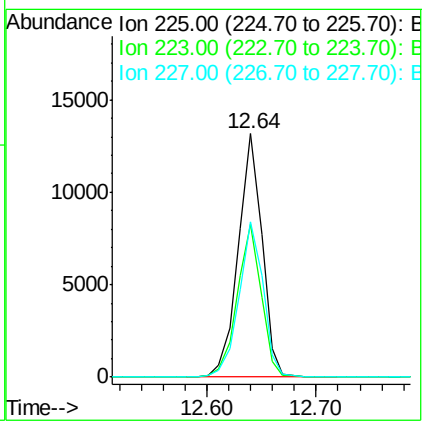


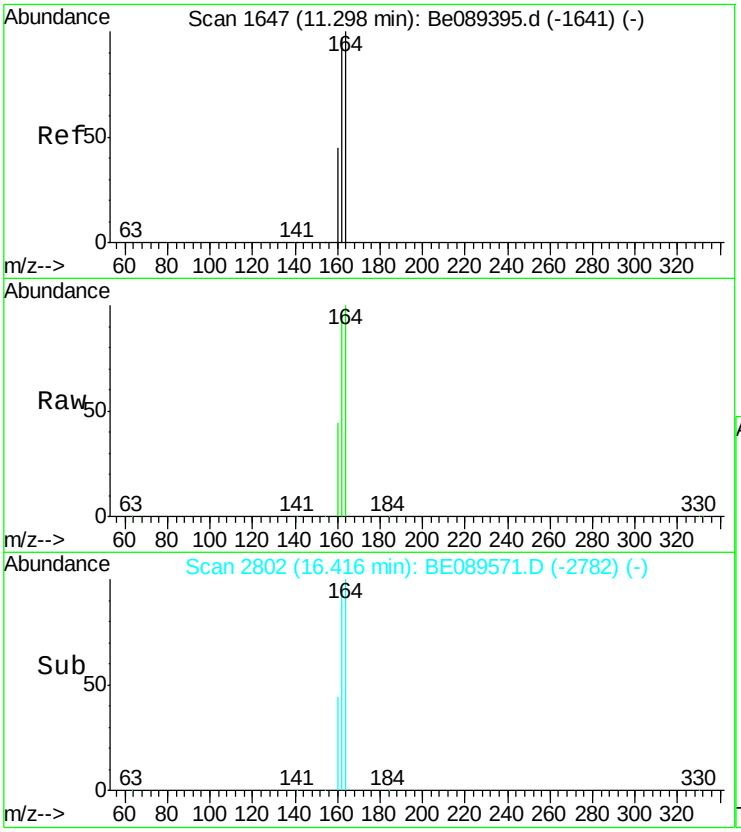


#12
Hexachlorobutadiene
Concen: 1.82 ng
RT: 12.64 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Tgt Ion:225 Resp: 19700

Ion	Ratio	Lower	Upper
225	100		
223	62.8	0.0	0.0#
227	64.1	0.0	0.0#



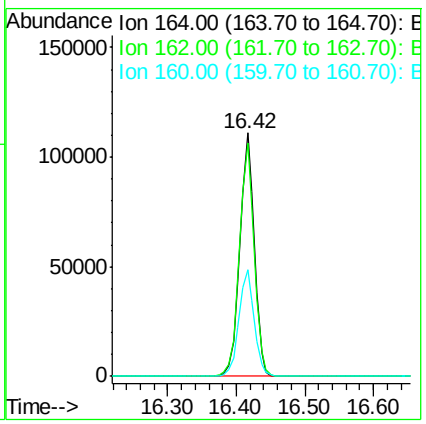


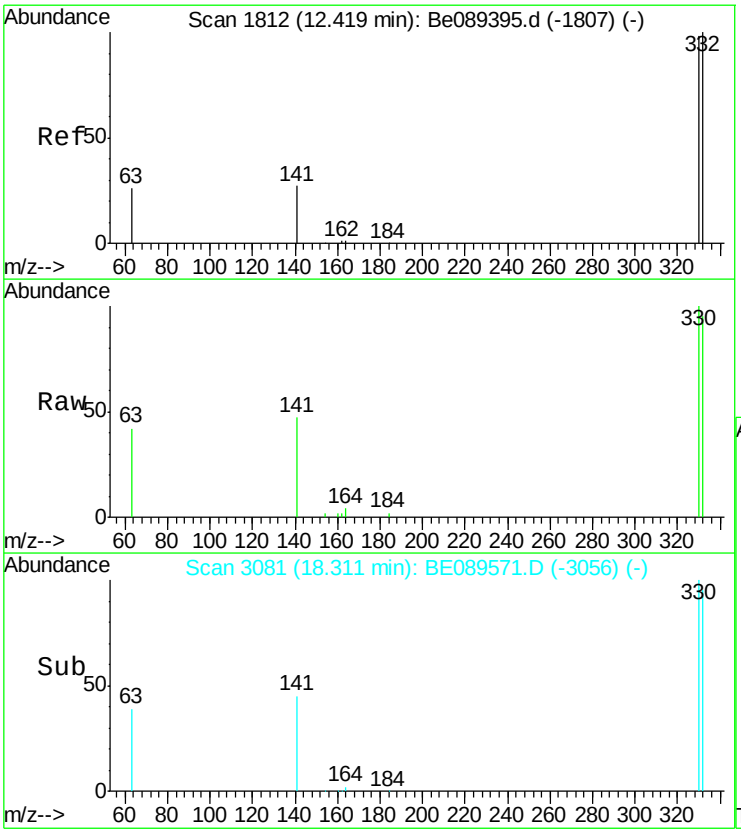
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.42 min Scan# 2802
Delta R.T. -0.00 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:164 Resp: 161408

Ion	Ratio	Lower	Upper
164	100		
162	96.1	77.9	116.9
160	43.9	35.8	53.6

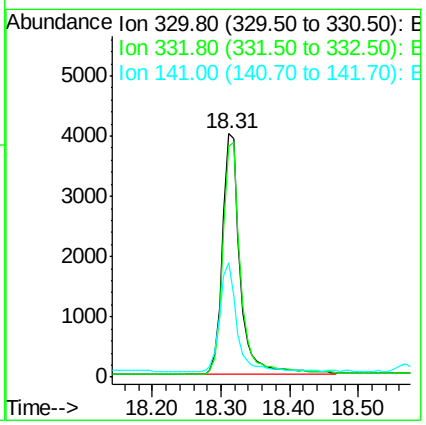


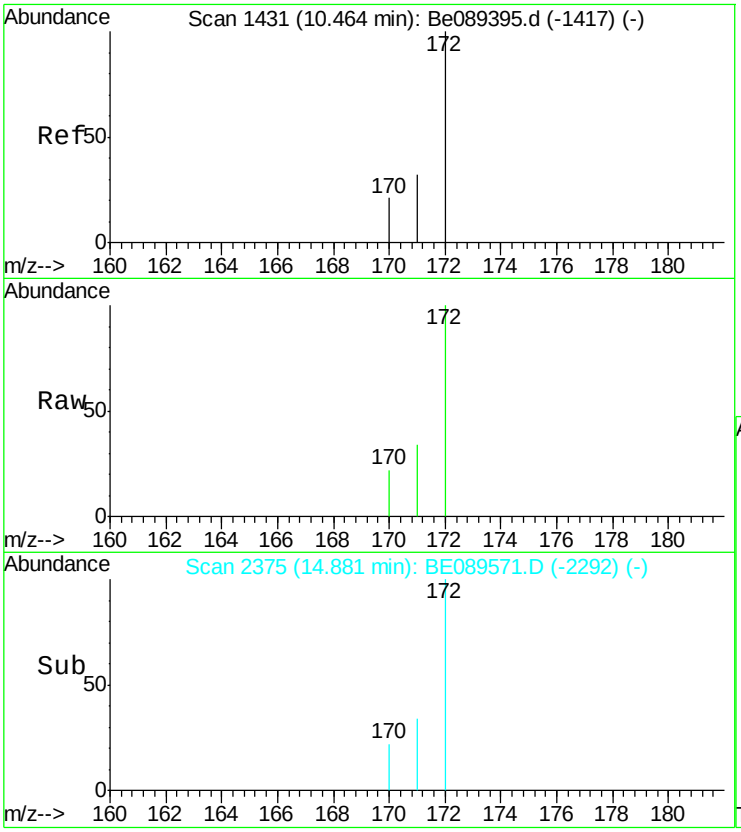


#14
2,4,6-Tribromophenol
Concen: 2.25 ng
RT: 18.31 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Tgt Ion:330 Resp: 7214

Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	43.5	0.0	0.0#



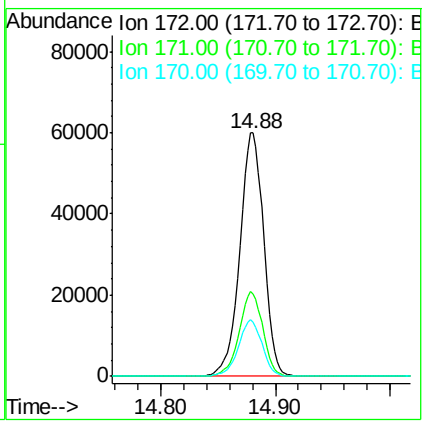


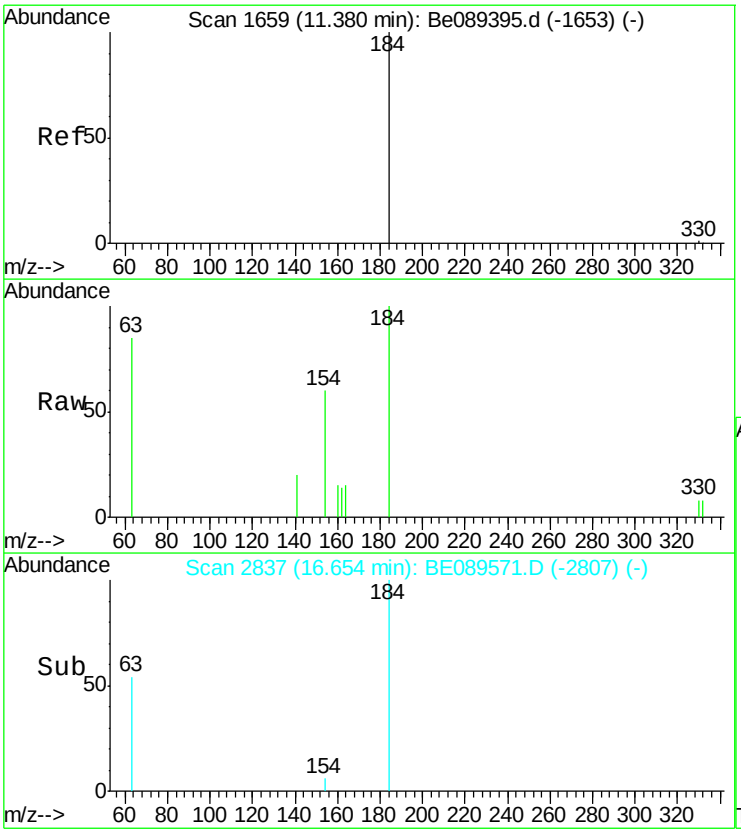
#15
2-Fluorobiphenyl
Concen: 1.72 ng
RT: 14.88 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:172 Resp: 86654

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.4	41.0
170	22.4	18.3	27.5

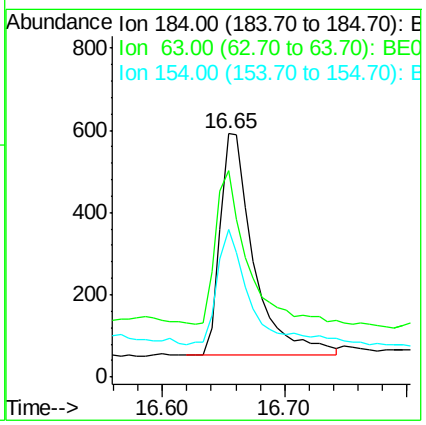


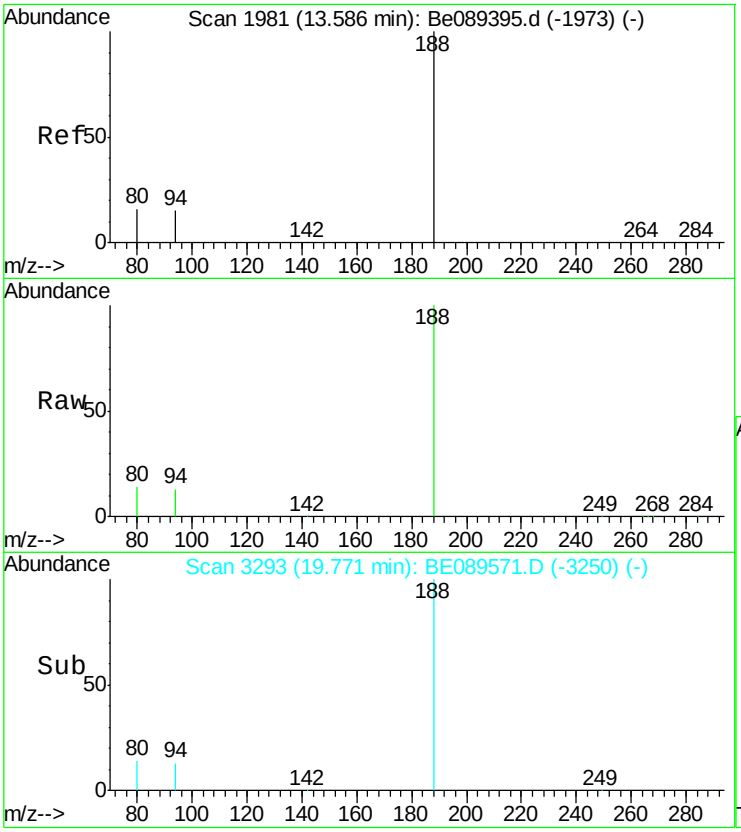


#16
2,4-Dinitrophenol
Concen: 0.94 ng
RT: 16.65 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Tgt Ion:184 Resp: 1040

Ion	Ratio	Lower	Upper
184	100		
63	84.6	58.1	87.1
154	60.5	42.0	63.0



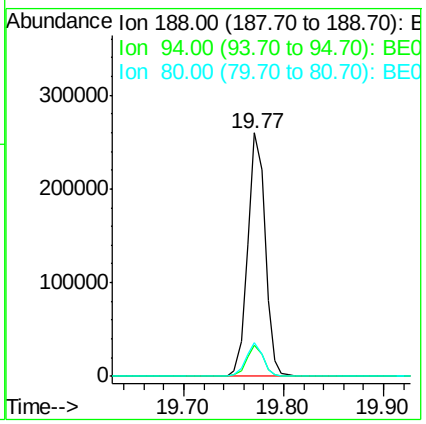


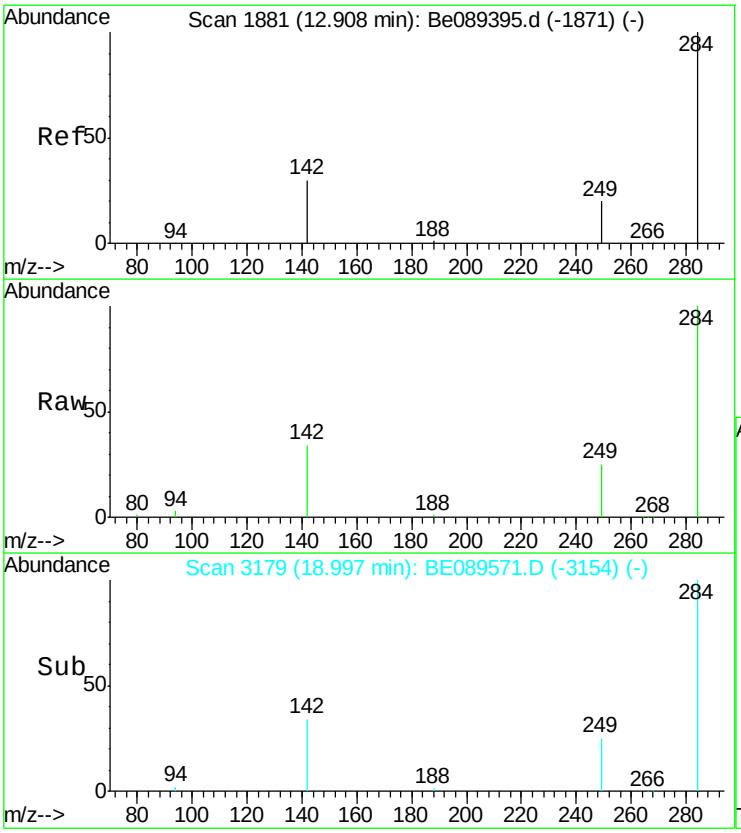
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3293
Delta R.T. -0.01 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:188 Resp: 312763

Ion	Ratio	Lower	Upper
188	100		
94	12.7	9.7	14.5
80	13.7	10.2	15.4

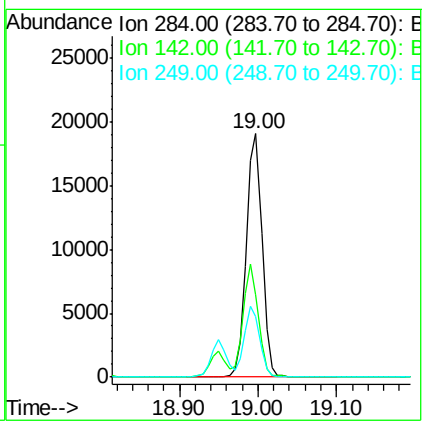


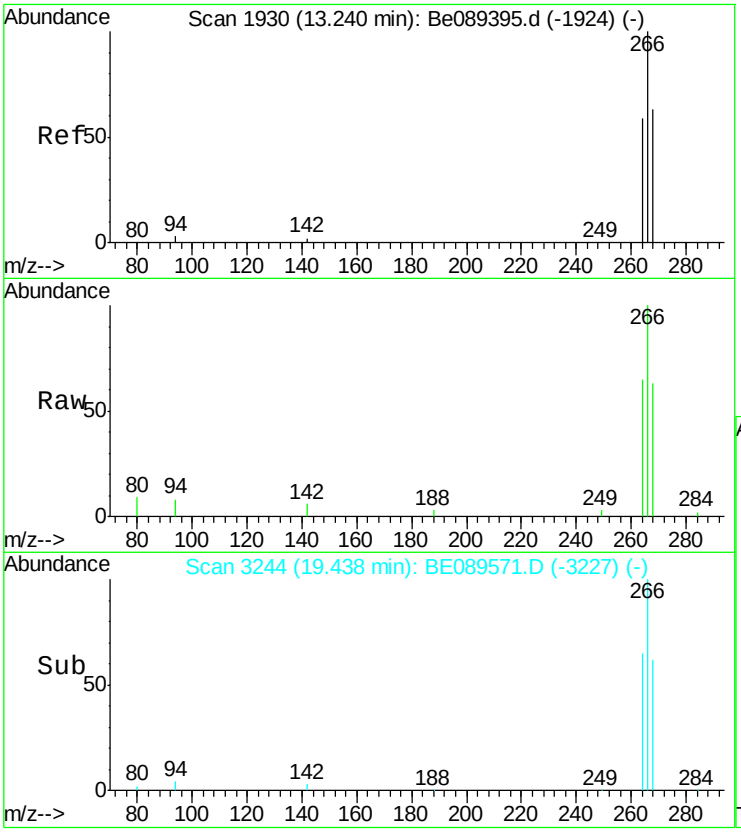


#18
Hexachlorobenzene
Concen: 1.68 ng
RT: 19.00 min Scan# 3179
Delta R.T. 0.00 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Tgt Ion:284 Resp: 26021

Ion	Ratio	Lower	Upper
284	100		
142	34.1	36.6	54.8#
249	24.9	24.4	36.6



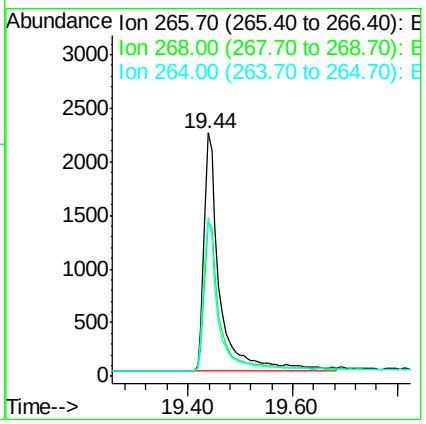


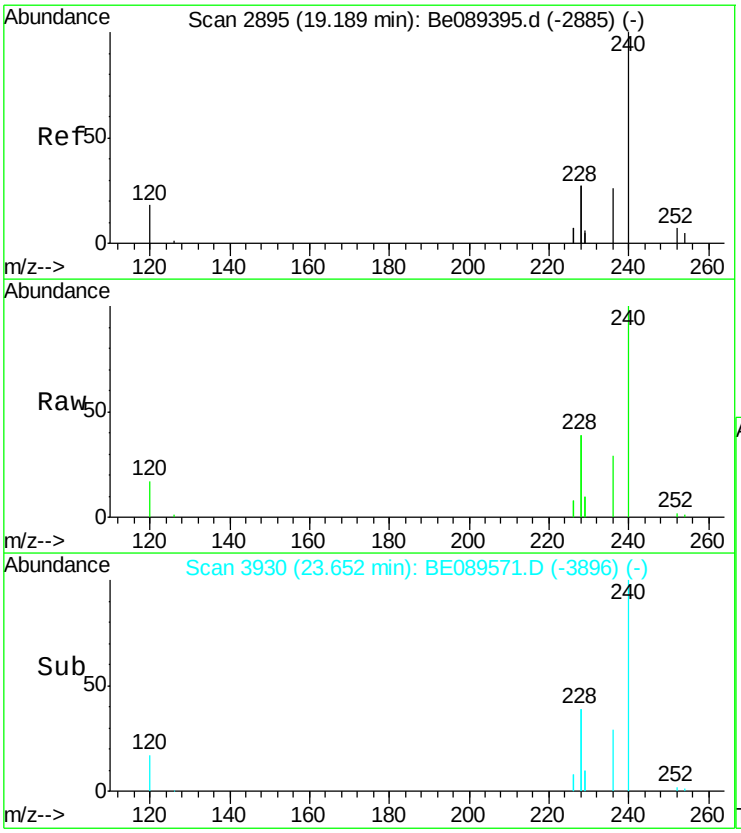
#19
Pentachlorophenol
Concen: 1.62 ng
RT: 19.44 min Scan# 3244
Delta R.T. 0.00 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:266 Resp: 4697

Ion	Ratio	Lower	Upper
266	100		
268	63.1	48.6	72.8
264	65.2	52.6	78.8

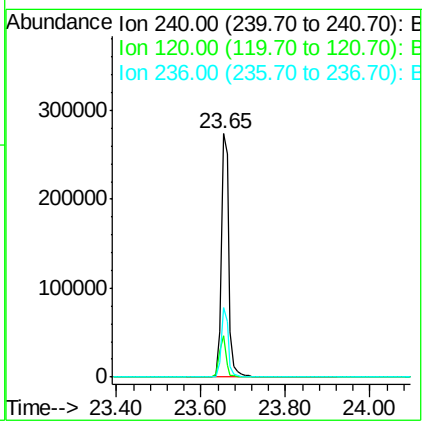


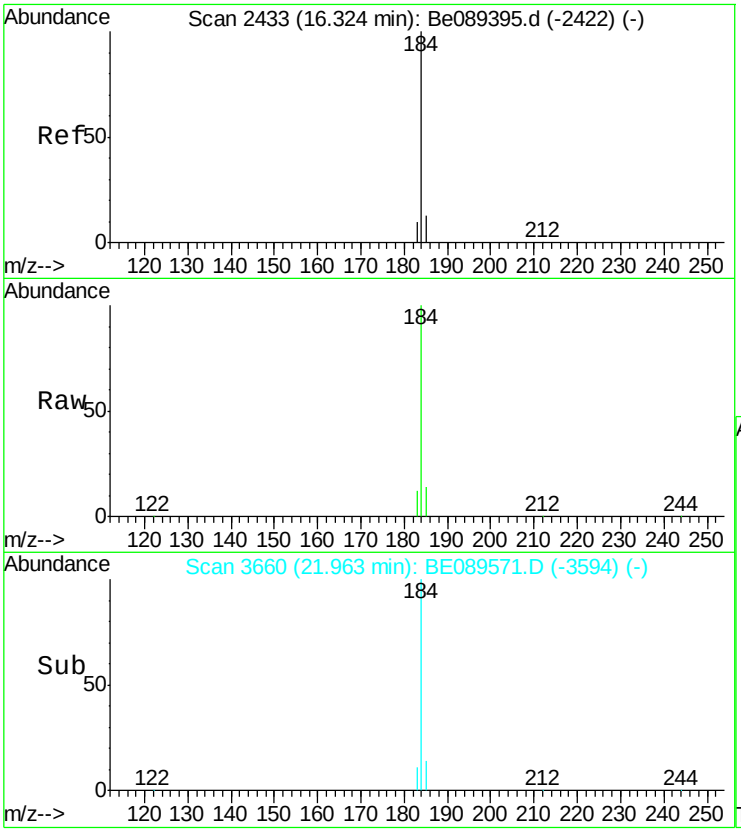


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.65 min Scan# 3930
Delta R.T. -0.01 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Tgt Ion:240 Resp: 341593

Ion	Ratio	Lower	Upper
240	100		
120	16.8	6.6	9.8#
236	28.6	21.1	31.7



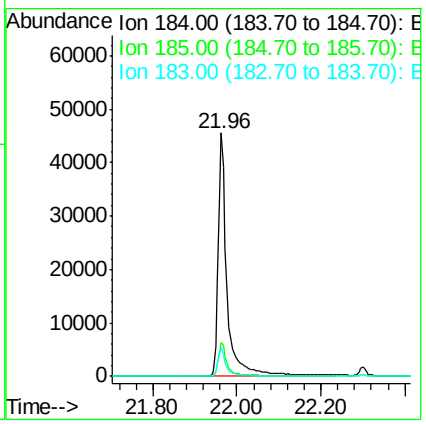


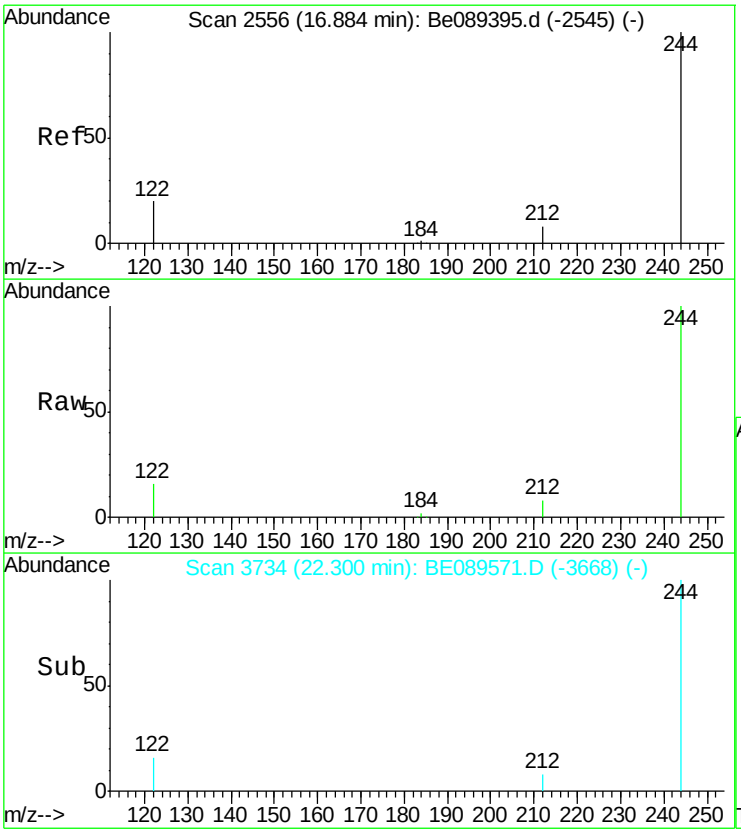
#21
Benzidine
Concen: 2.35 ng
RT: 21.96 min Scan# 3660
Delta R.T. -0.00 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:184 Resp: 66282

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.8	17.8
183	11.5	9.0	13.6

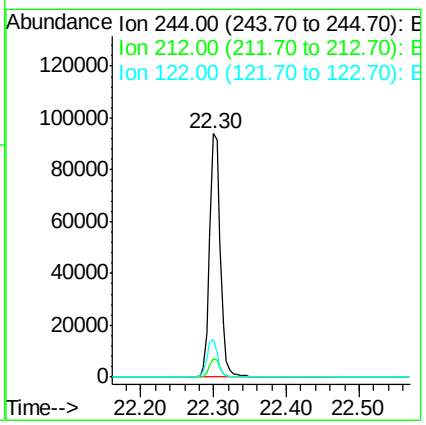


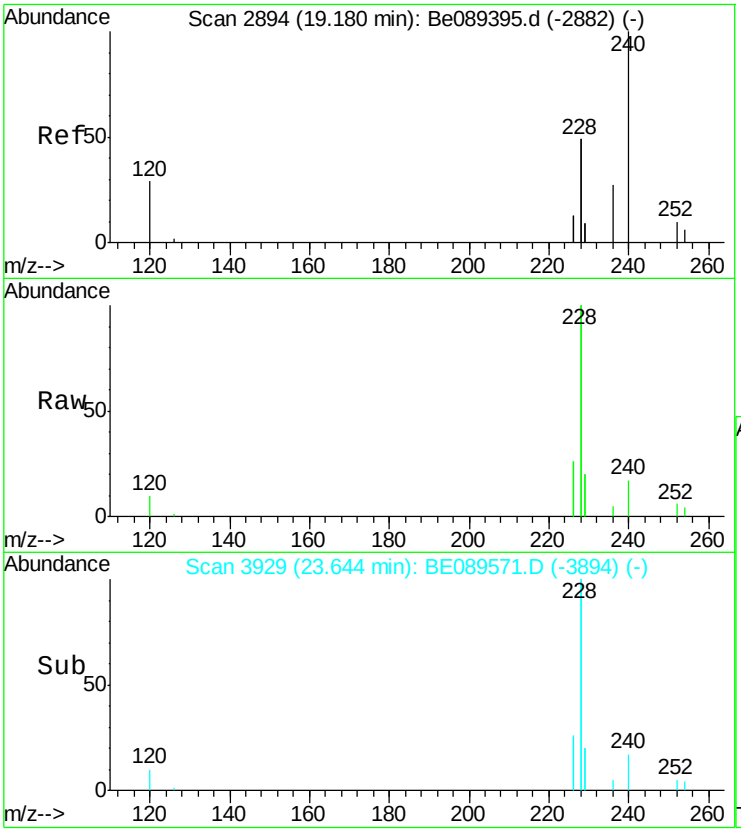


#22
Terphenyl-d14
Concen: 2.91 ng
RT: 22.30 min Scan# 3734
Delta R.T. -0.00 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Tgt Ion:244 Resp: 94903

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	9.8
122	15.6	13.1	19.7



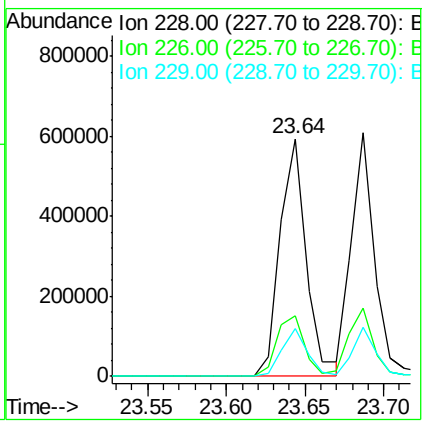


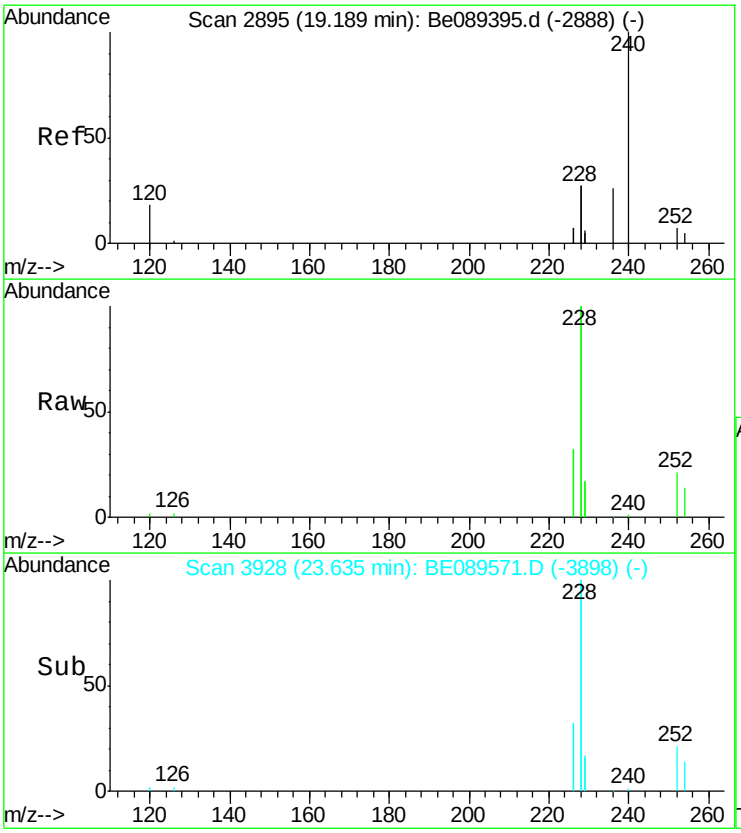
#23
Benzo(a)anthracene
Concen: 2.83 ng
RT: 23.64 min Scan# 3929
Delta R.T. 0.00 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:228 Resp: 682778

Ion	Ratio	Lower	Upper
228	100		
226	25.5	23.4	35.0
229	20.3	16.1	24.1

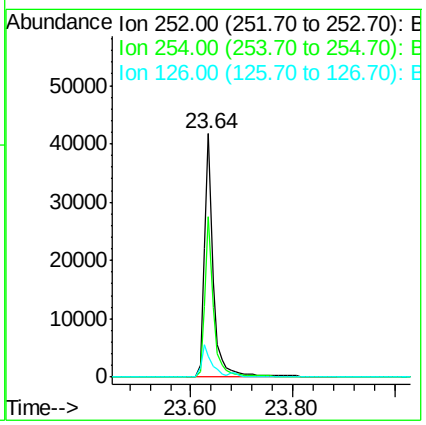


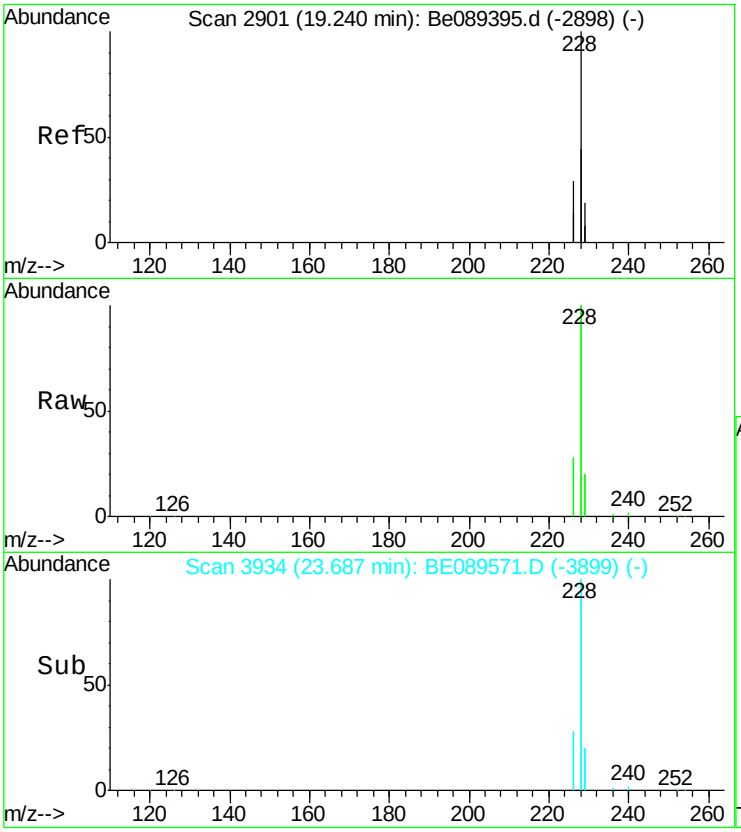


#24
3,3'-Dichlorobenzidine
Concen: 2.20 ng
RT: 23.64 min Scan# 3928
Delta R.T. 0.00 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Tgt Ion:252 Resp: 50872

Ion	Ratio	Lower	Upper
252	100		
254	65.7	50.5	75.7
126	8.6	7.0	10.6



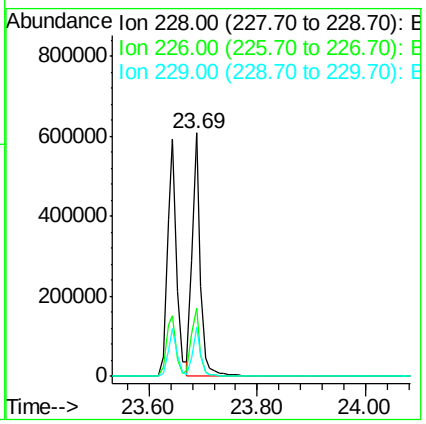


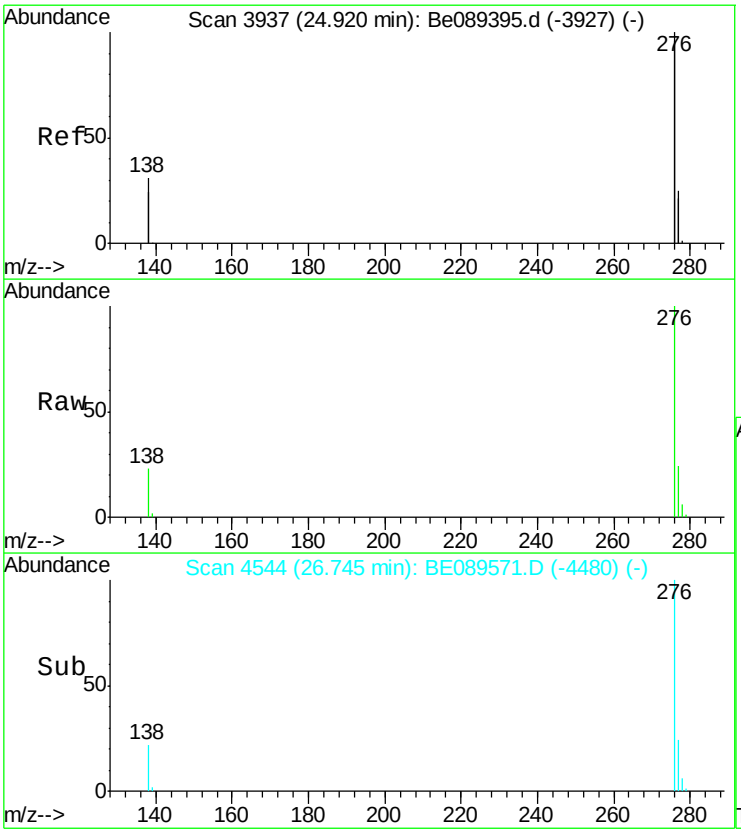
#25
Chrysene
Concen: 1.60 ng
RT: 23.69 min Scan# 3934
Delta R.T. 0.00 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:228 Resp: 639791

Ion	Ratio	Lower	Upper
228	100		
226	28.2	27.8	41.6
229	20.1	14.8	22.2

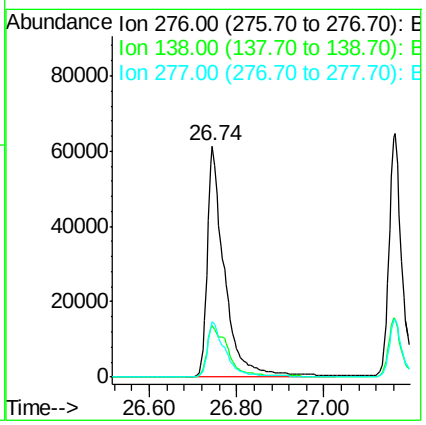


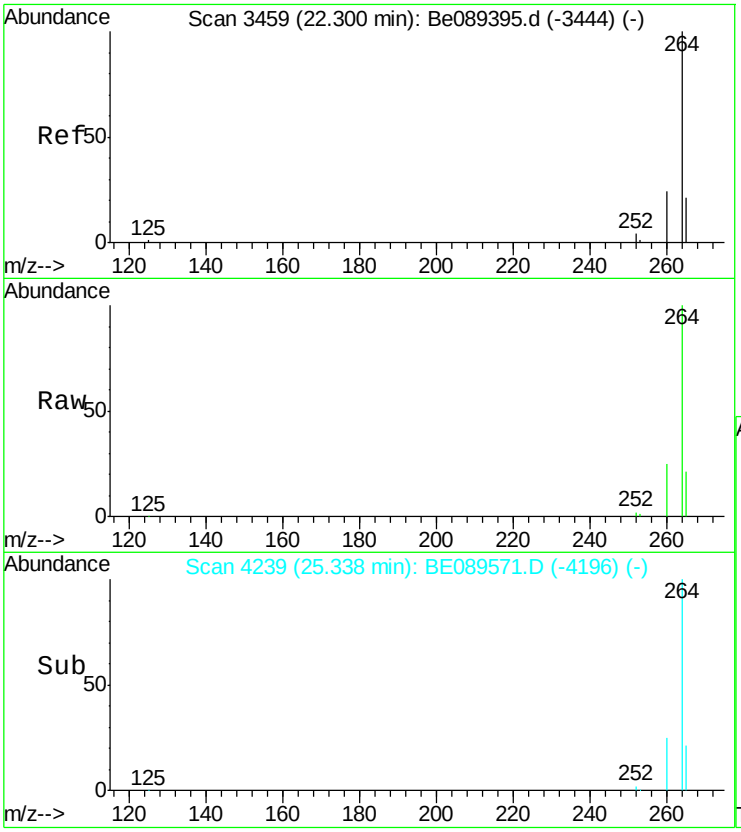


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.89 ng
RT: 26.74 min Scan# 4544
Delta R.T. -0.01 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Tgt Ion:276 Resp: 167606

Ion	Ratio	Lower	Upper
276	100		
138	28.0	0.0	0.0#
277	25.1	0.0	0.0#



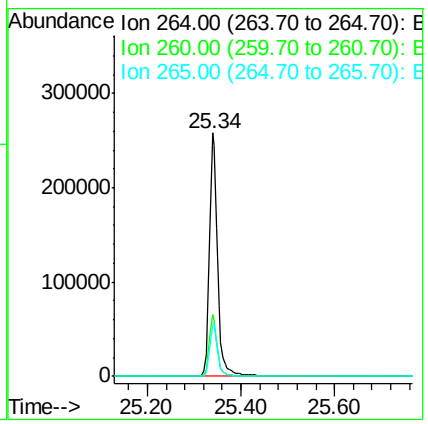


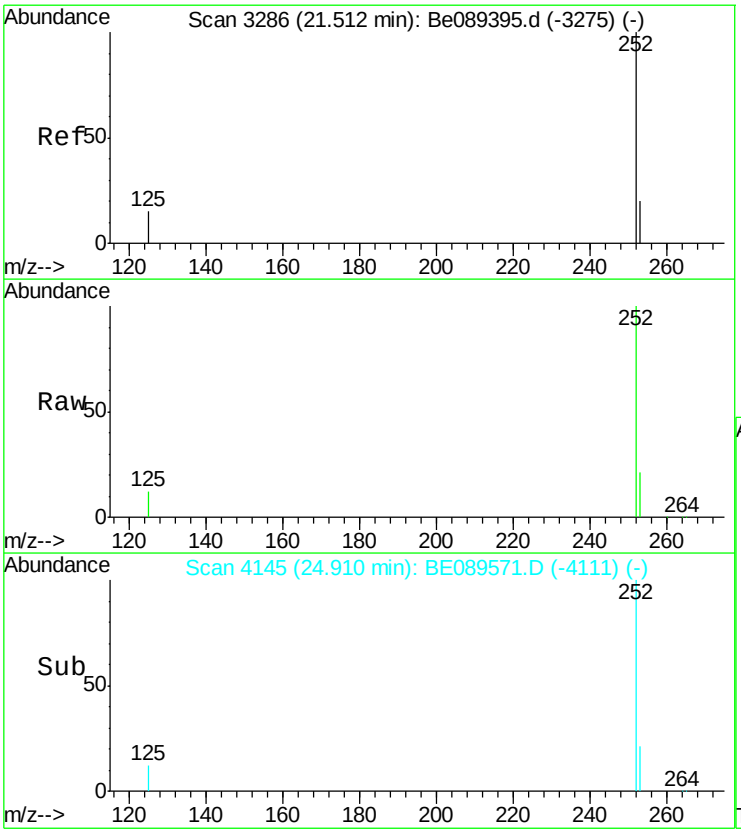
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4239
Delta R.T. -0.00 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:264 Resp: 310647

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.6	30.8
265	21.2	17.2	25.8

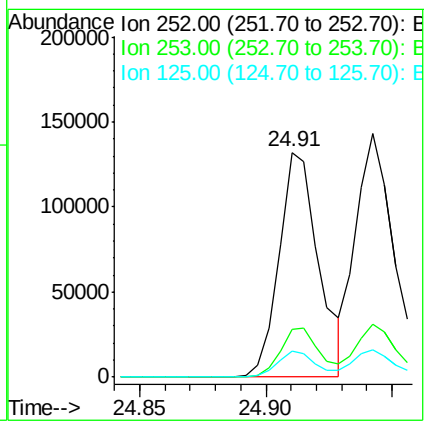


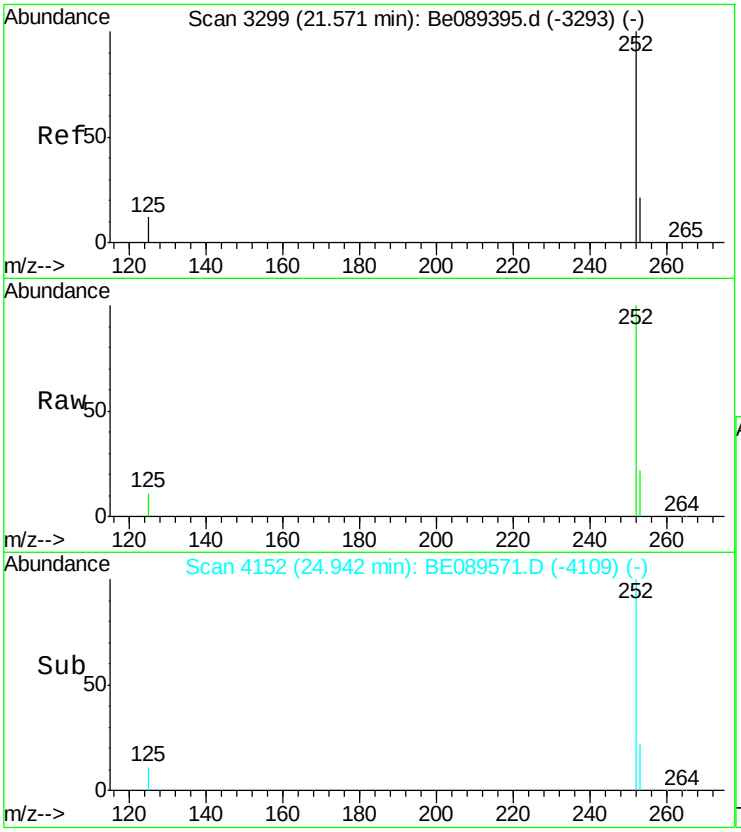


#28
Benzo(b)fluoranthene
Concen: 5.27 ng
RT: 24.91 min Scan# 4145
Delta R.T. -0.01 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Tgt Ion:252 Resp: 143619

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.9	28.3
125	11.7	9.9	14.9



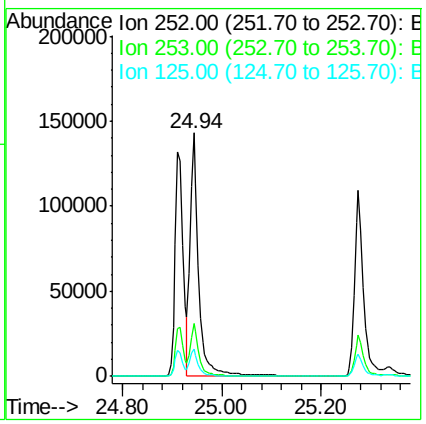


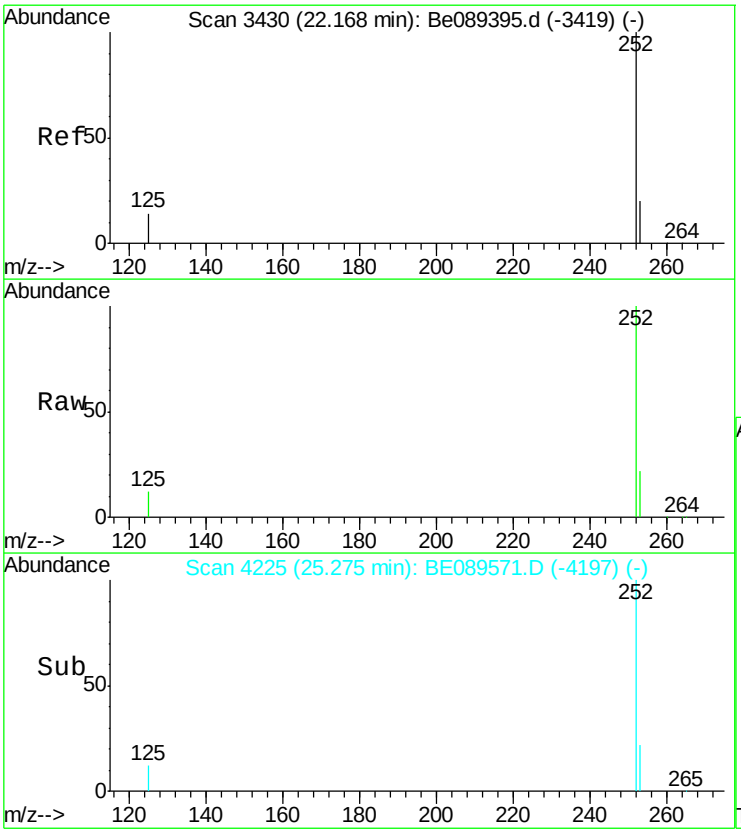
#29
Benzo(k)fluoranthene
Concen: 2.65 ng
RT: 24.94 min Scan# 4152
Delta R.T. -0.01 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:252 Resp: 171362

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.5	29.3
125	11.3	9.4	14.2

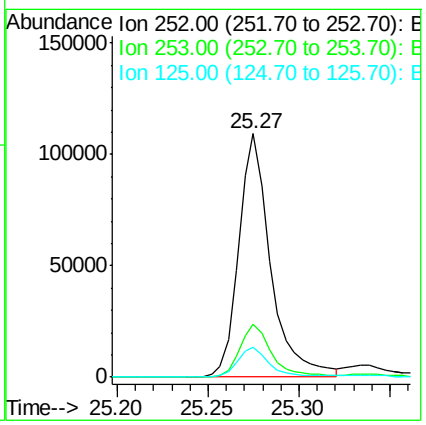


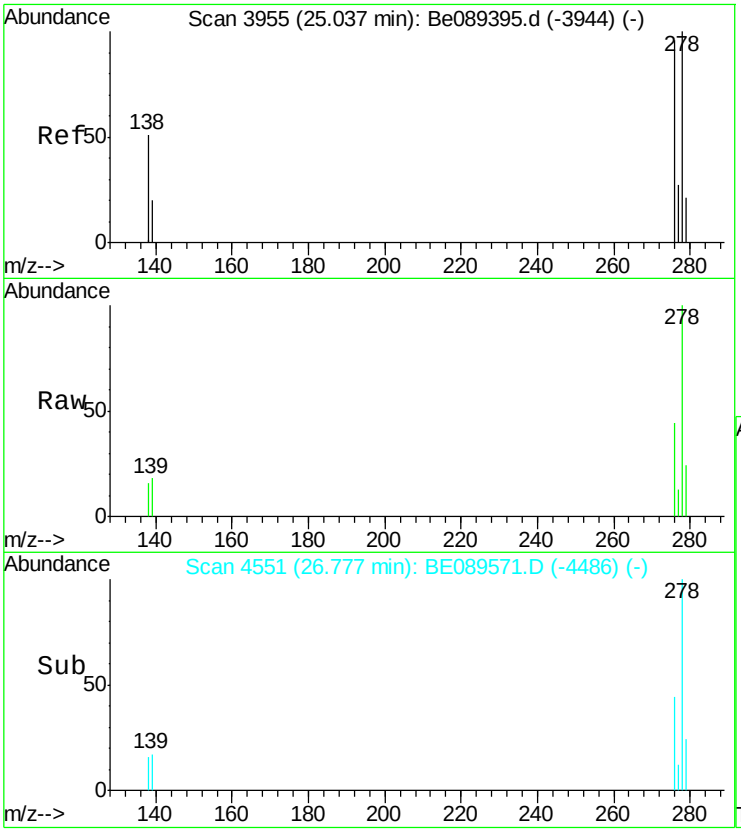


#30
Benzo(a)pyrene
Concen: 3.79 ng
RT: 25.27 min Scan# 4225
Delta R.T. -0.00 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Tgt Ion:252 Resp: 132832

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	12.2	10.9	16.3





#31
Dibenzo(a,h)anthracene
Concen: 4.40 ng
RT: 26.78 min Scan# 4551
Delta R.T. -0.00 min
Lab File: BE089571.D
Acq: 16 Feb 2015 15:48

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:278 Resp: 134066

Ion	Ratio	Lower	Upper
278	100		
139	17.6	15.5	23.3
279	23.9	19.8	29.8